

Title (en)

METHOD AND APPARATUS FOR CONTROLLING AN ACTUATABLE SAFETY DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER EINSCHALTbaren SICHERHEITSVORRICHTUNG

Title (fr)

PROCÉDÉ ET APPAREIL DE COMMANDE D UN DISPOSITIF DE SÉCURITÉ POUVANT ÊTRE ACTIONNÉ

Publication

**EP 2321153 A4 20130911 (EN)**

Application

**EP 09810479 A 20090821**

Priority

- US 2009054579 W 20090821
- US 20040708 A 20080828

Abstract (en)

[origin: WO2010025088A1] A method for determining a crash condition of a vehicle comprises the step of sensing crash acceleration in a first direction substantially parallel to a front-to-rear axis of the vehicle and providing a first crash acceleration signal indicative thereof. The method also comprises the step of sensing crash acceleration in a second direction substantially parallel to a side-to-side axis of the vehicle and providing a second crash acceleration signal indicative thereof. The method further comprises the steps of determining a crash metric value functionally related to the sensed crash acceleration based on the second acceleration signal and comparing the determined crash metric value as a function of the sensed first crash acceleration signal against an associated threshold. The method still further comprises the step of determining a crash condition of the vehicle in response to (a) the comparison and (b) the first acceleration signal.

IPC 8 full level

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CPC (source: EP KR US)

**B60R 21/00** (2013.01 - KR); **B60R 21/01** (2013.01 - KR); **B60R 21/0132** (2013.01 - EP US); **B60R 21/0136** (2013.01 - KR);  
**B60R 2021/01322** (2013.01 - US)

Citation (search report)

- [AD] US 6036225 A 20000314 - FOO CHEK-PENG [US], et al
- [A] US 6353782 B1 20020305 - KUNIMI TAKASHI [JP], et al
- [A] EP 0434679 B1 19930512
- See references of WO 2010025088A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2010025088 A1 20100304**; BR PI0917357 A2 20151117; BR PI0917357 B1 20191029; CN 102137775 A 20110727;  
CN 102137775 B 20140305; EP 2321153 A1 20110518; EP 2321153 A4 20130911; EP 2321153 B1 20141008; JP 2012501271 A 20120119;  
JP 5823860 B2 20151125; KR 101197368 B1 20121105; KR 20110051259 A 20110517; US 2010057302 A1 20100304;  
US 8095275 B2 20120110

DOCDB simple family (application)

**US 2009054579 W 20090821**; BR PI0917357 A 20090821; CN 200980133341 A 20090821; EP 09810479 A 20090821;  
JP 2011525109 A 20090821; KR 20117007005 A 20090821; US 20040708 A 20080828